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(54) SIALIDASE INHIBITOR

(57) Abstract:

PURPOSE: To obtain a sialidase inhibitor, containing formononetin, luteolin or luteolin-7-O-glucoside as active ingredients, applicable to medicines, such as anti-inflammatory agent and having high safety with low toxicity.

CONSTITUTION: A sialidase inhibitor obtained by extracting *Dalbergia odorifera* T. CHEN which is heart wood of dried root of a leguminous plant or *Chrysanthemum indicum* L. which is a dried flower part of a composite plant as a raw material with a solvent, such as methanol, by heating at 0°CW the boiling point

temperature of the solvent or using ultrasonic waves to provide an extract solution, directly or concentrating or drying the extract solution and subjected the resultant substance to column chromatography with an adsorbent, such as silica gel, to afford a fraction, recrystallizing the obtained fraction from a solvent, such as water or methanol, to afford the aimed compound which is an active ingredient. The resultant substance can be prepared in the form of a pharmaceutical by a conventional method and the dose thereof as an oral agent is 100V450mg in several divided portion a day for an adult.

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